

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP060120\
 Data File : BP002341.D
 Acq On : 01 Jun 2020 16:18
 Operator : CG/JU
 Sample : L2745-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 NM81-COMP-2020-0-6

Manual Integrations
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Quant Time: Jun 03 06:27:05 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP052720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 29 15:09:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	293840	20.00	ng	0.00
21) Naphthalene-d8	10.38	136	1211825	20.00	ng	0.00
39) Acenaphthene-d10	14.26	164	727595	20.00	ng	0.00
64) Phenanthrene-d10	17.01	188	1540963	20.00	ng	0.00
76) Chrysene-d12	21.12	240	1332239	20.00	ng	0.00
86) Perylene-d12	23.33	264	1374163	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	2043802	130.63	ng	0.00
7) Phenol-d6	6.80	99	2861599	134.46	ng	0.00
23) Nitrobenzene-d5	8.75	82	1993097	98.88	ng	0.00
42) 2,4,6-Tribromophenol	15.76	330	987137	143.15	ng	0.00
45) 2-Fluorobiphenyl	12.87	172	4021635	97.53	ng	0.00
79) Terphenyl-d14	19.60	244	5033979	91.51	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.72	163	271236	5.507	ng	100
71) Phenanthrene	17.06	178	599014	8.207	ng	98
75) Fluoranthene	19.04	202	1266944	15.070	ng	99
78) Pyrene	19.39	202	1157880	13.957	ng	99
81) Benzo(a)anthracene	21.10	228	617732	8.100	ng	99
83) Chrysene	21.15	228	577733	7.894	ng	97
87) Indeno(1,2,3-cd)pyrene	25.56	276	405219	4.764	ng	97
88) Benzo(b)fluoranthene	22.67	252	774823m	10.342	ng	
89) Benzo(k)fluoranthene	22.70	252	308612m	4.293	ng	
90) Benzo(a)pyrene	23.23	252	584477	8.410	ng	# 97
92) Benzo(g,h,i)perylene	26.23	276	410624	5.805	ng	# 95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

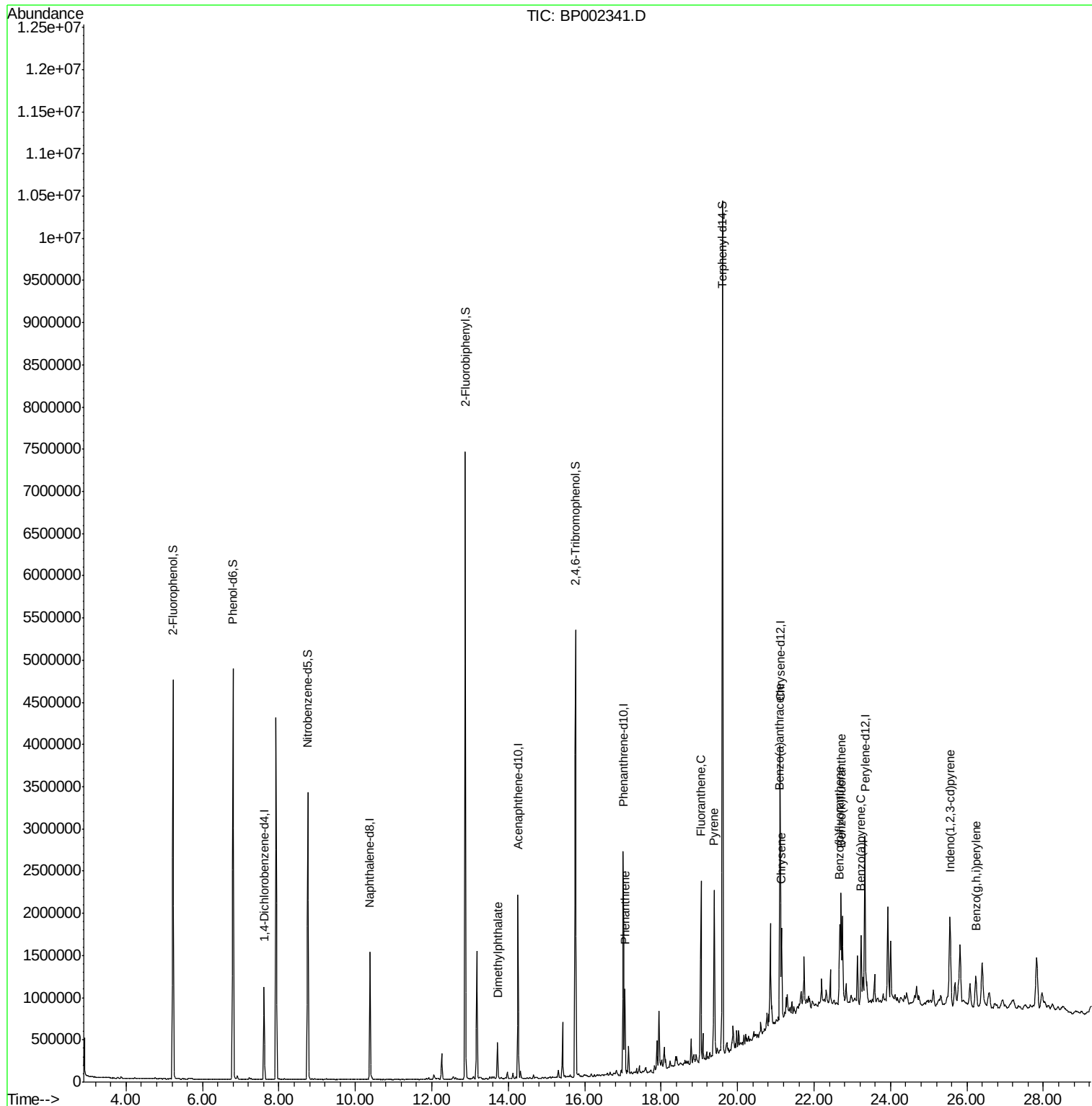
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Data File : BP002341.D
Acq On : 01 Jun 2020 16:18
Operator : CG/JU
Sample : L2745-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

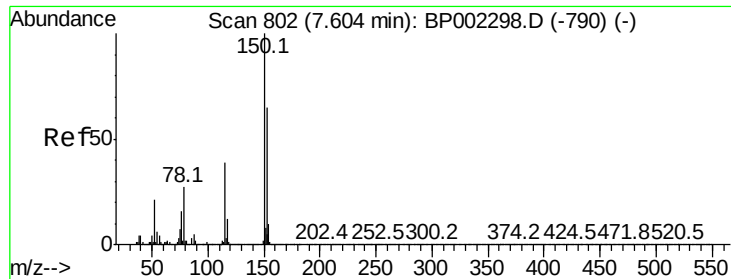
Instrument :
BNA_P
ClientSampleId :
NM81-COMP-2020-0-6

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Quant Time: Jun 03 06:27:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP052720.M
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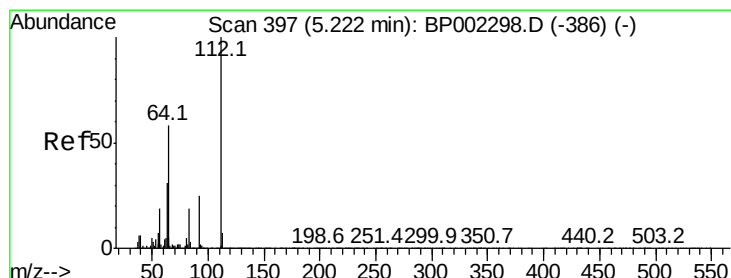
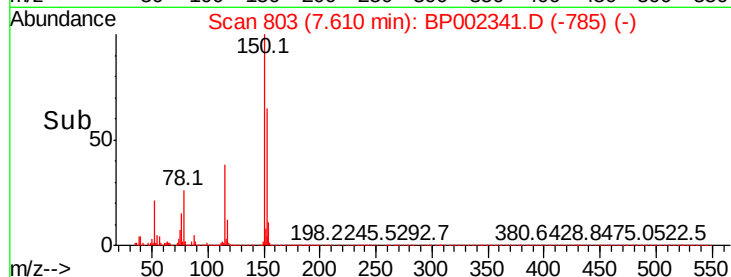
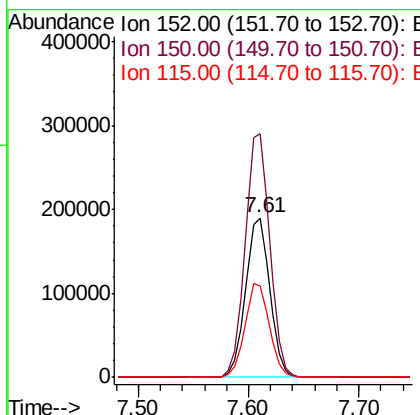
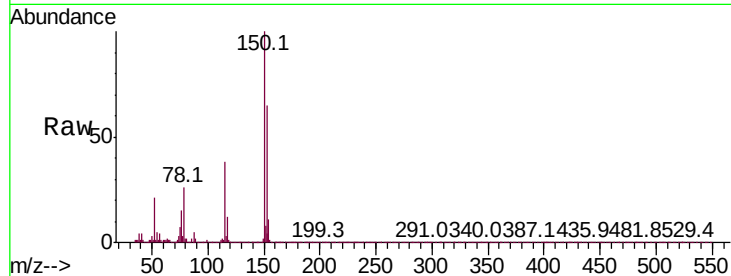
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.61 min Scan# 803
Delta R.T. 0.01 min
Lab File: BP002341.D
Acq: 01 Jun 2020 16:18

Instrument :
BNA_P
ClientSampleId :
NM81-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.8	124.7	187.1
115	57.6	49.4	74.2

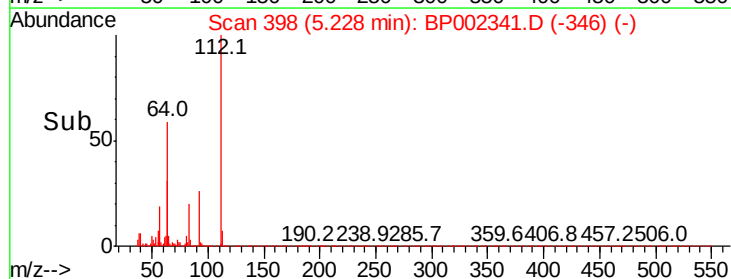
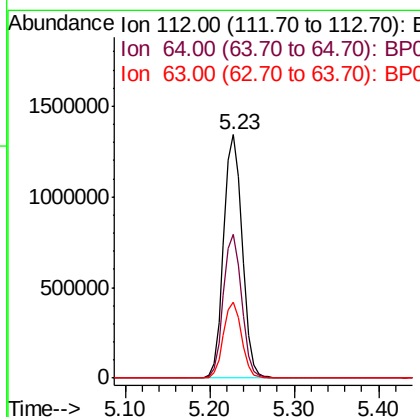
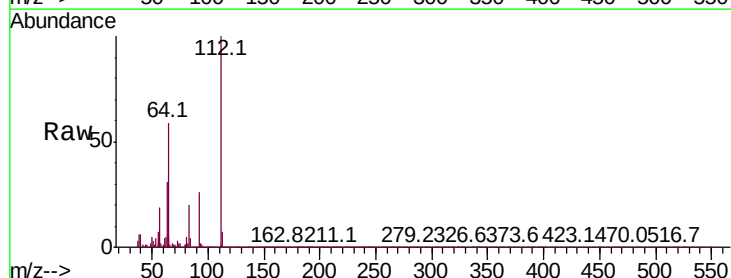
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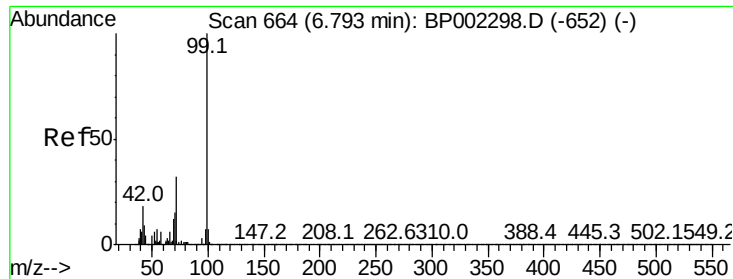
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#5
2-Fluorophenol
Concen: 130.633 ng
RT: 5.23 min Scan# 398
Delta R.T. 0.01 min
Lab File: BP002341.D
Acq: 01 Jun 2020 16:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.2	47.0	70.4
63	31.4	24.0	36.0





#7

Phenol-d6

Concen: 134.456 ng

RT: 6.80 min Scan# 665

Delta R.T. 0.01 min

Lab File: BP002341.D

Acq: 01 Jun 2020 16:18

Instrument :

BNA_P

ClientSampleId :

NM81-COMP-2020-0-6

Tot Ion: 99 Resp: 2861599

Ion Ratio Lower Upper

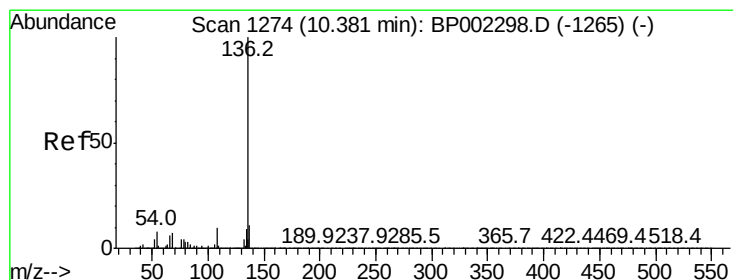
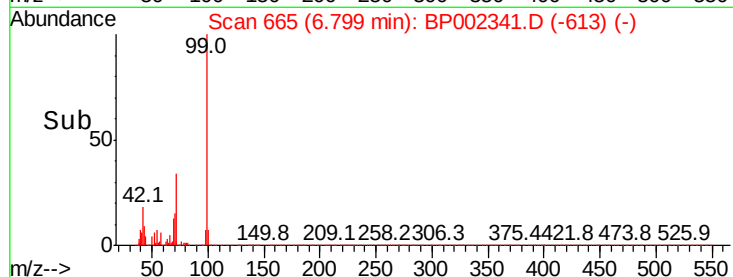
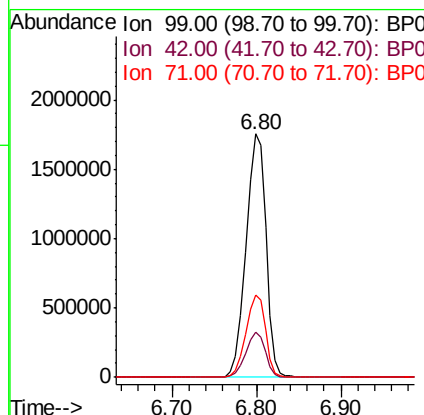
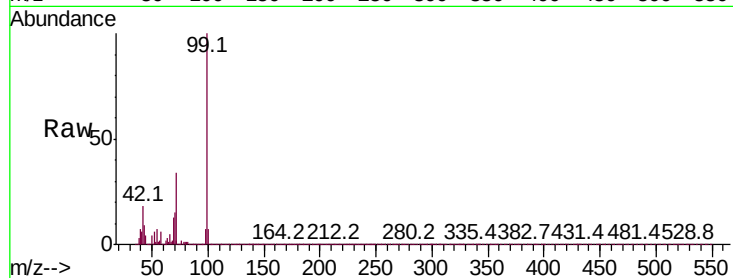
99 100

42 18.4 13.9 20.9

71 34.1 25.8 38.8

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.38 min Scan# 1274

Delta R.T. -0.00 min

Lab File: BP002341.D

Acq: 01 Jun 2020 16:18

Tgt Ion: 136 Resp: 1211825

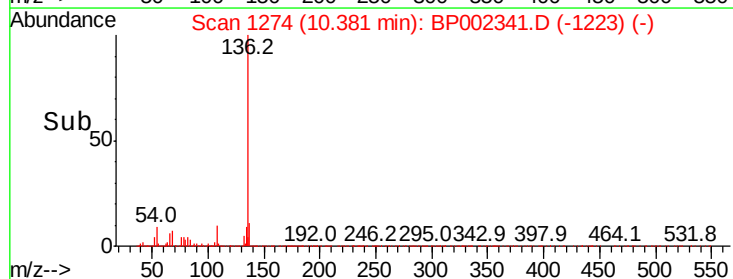
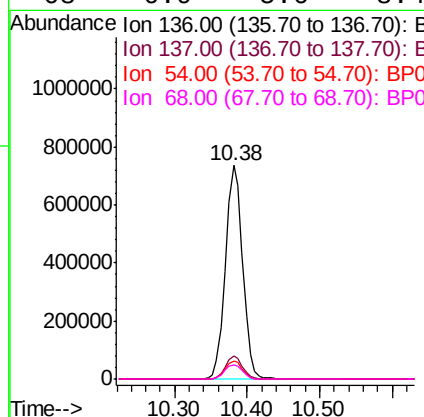
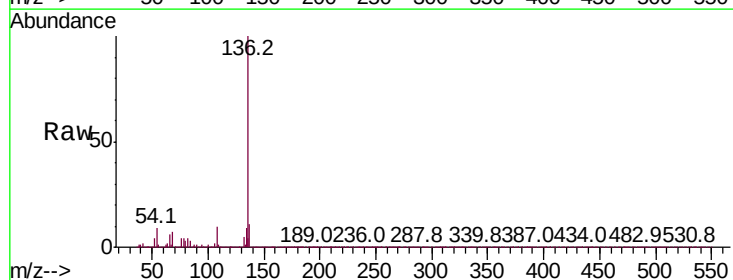
Ion Ratio Lower Upper

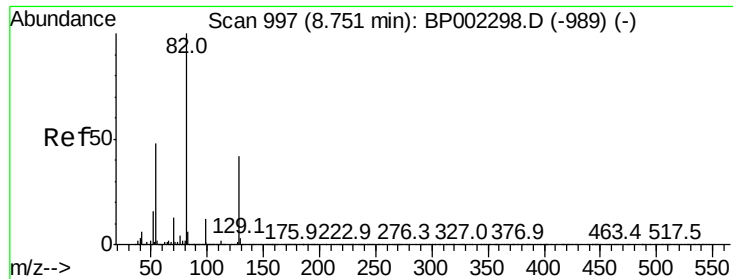
136 100

137 11.0 8.8 13.2

54 8.6 6.9 10.3

68 6.9 5.6 8.4





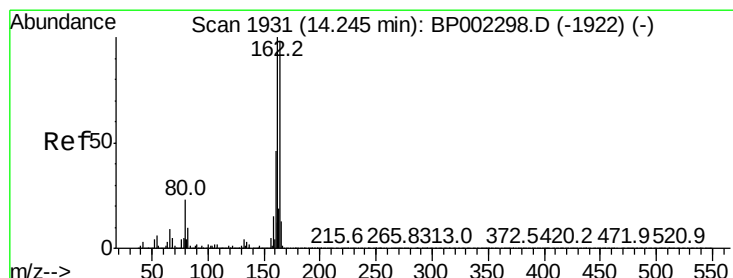
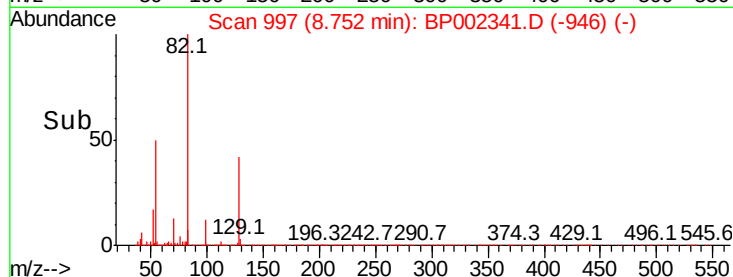
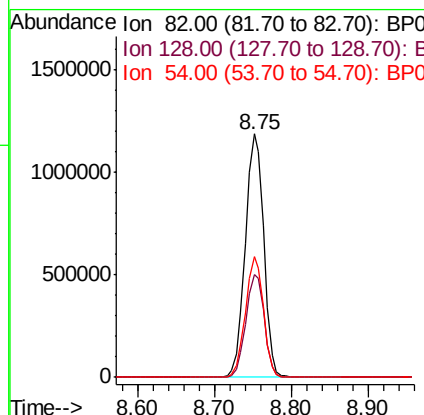
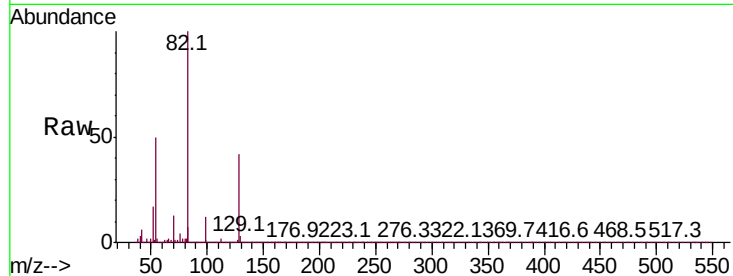
#23
Nitrobenzene-d5
Concen: 98.884 ng
RT: 8.75 min Scan# 997
Delta R.T. -0.00 min
Lab File: BP002341.D
Acq: 01 Jun 2020 16:18

Instrument :
BNA_P
ClientSampleId :
NM81-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.4	33.4	50.0
54	49.6	38.3	57.5

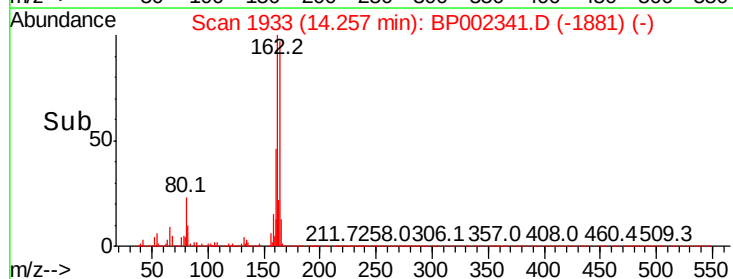
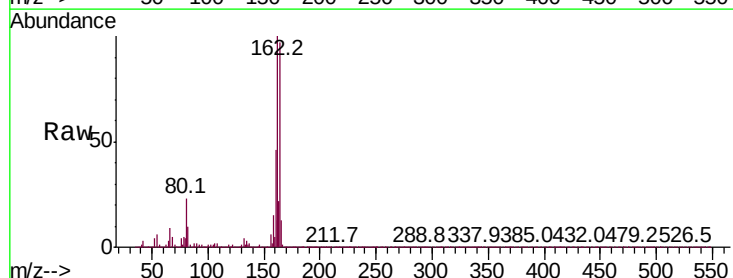
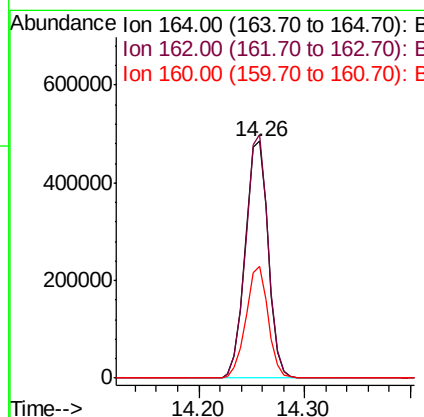
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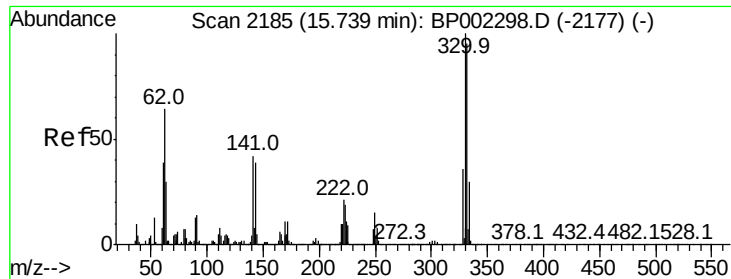
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.26 min Scan# 1933
Delta R.T. 0.01 min
Lab File: BP002341.D
Acq: 01 Jun 2020 16:18

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.9	81.3	121.9
160	47.3	37.2	55.8





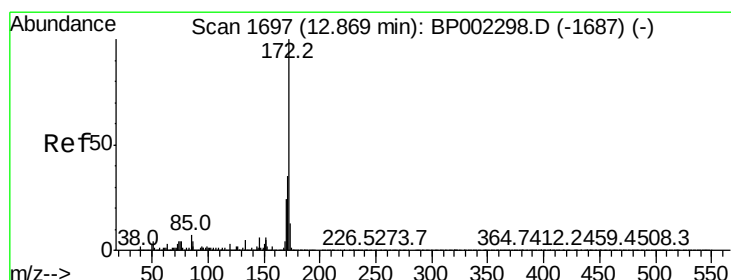
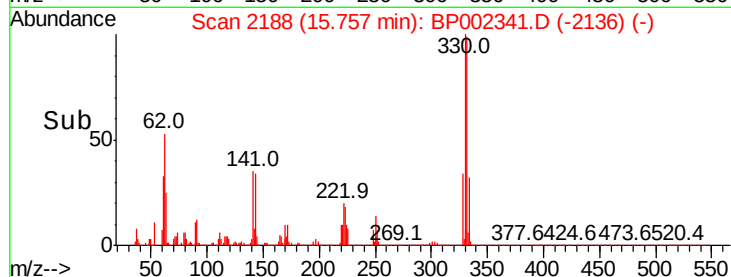
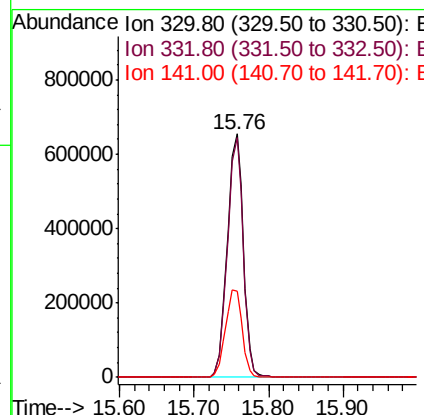
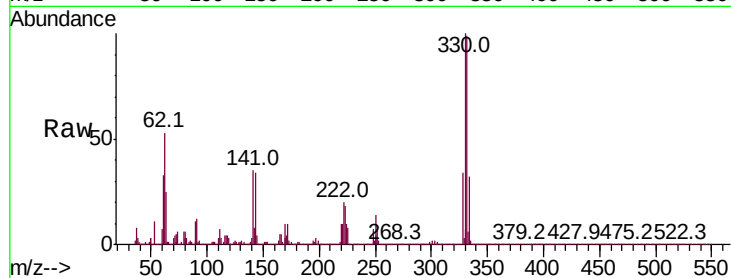
#42
 2,4,6-Tribromophenol
 Concen: 143.150 ng
 RT: 15.76 min Scan# 2188
 Delta R.T. 0.01 min
 Lab File: BP002341.D
 Acq: 01 Jun 2020 16:18

Instrument :
 BNA_P
 ClientSampleId :
 NM81-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.9	115.3
141	37.5	31.4	47.2

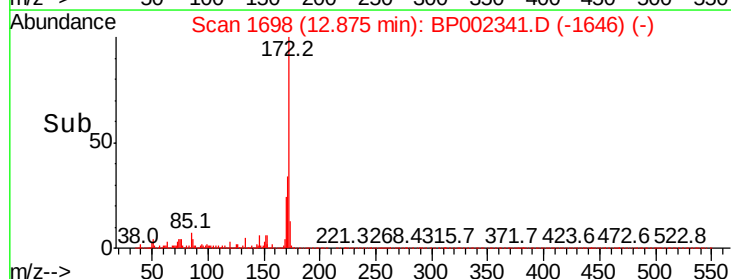
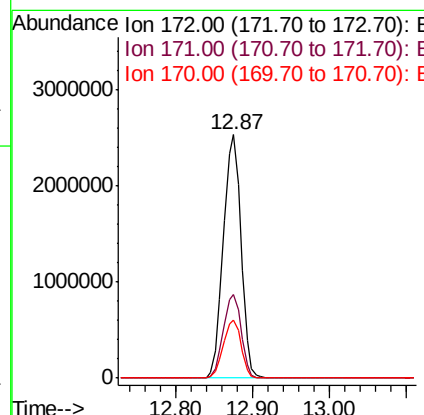
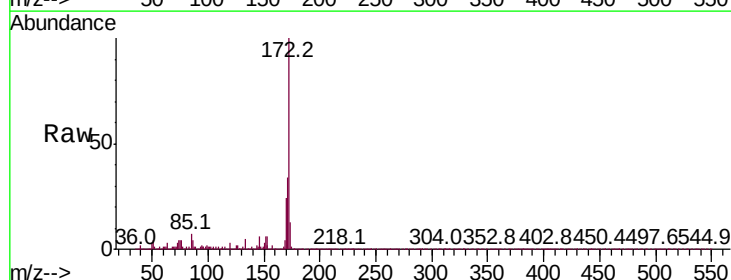
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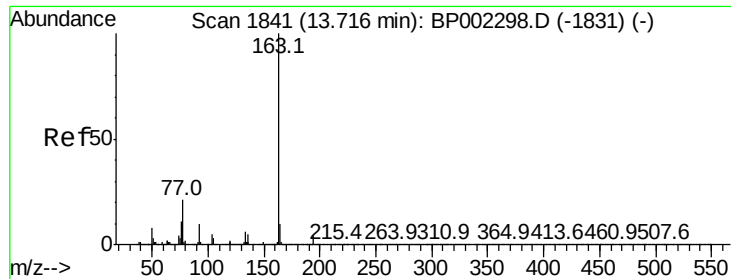
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#45
 2-Fluorobiphenyl
 Concen: 97.531 ng
 RT: 12.87 min Scan# 1698
 Delta R.T. 0.01 min
 Lab File: BP002341.D
 Acq: 01 Jun 2020 16:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.2	27.6	41.4
170	24.0	18.9	28.3





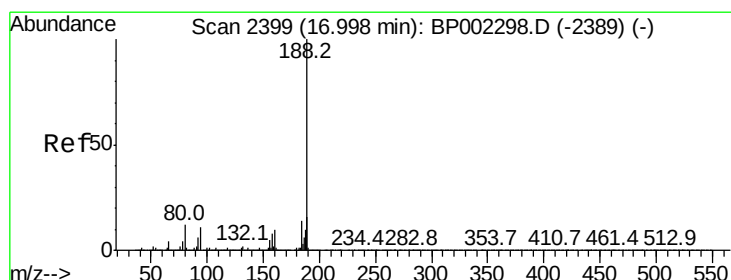
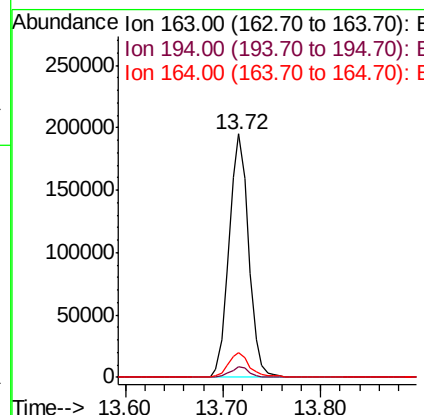
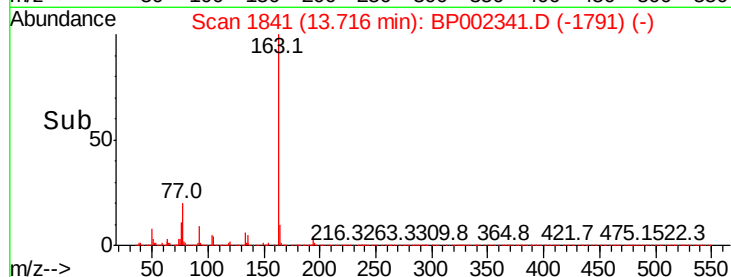
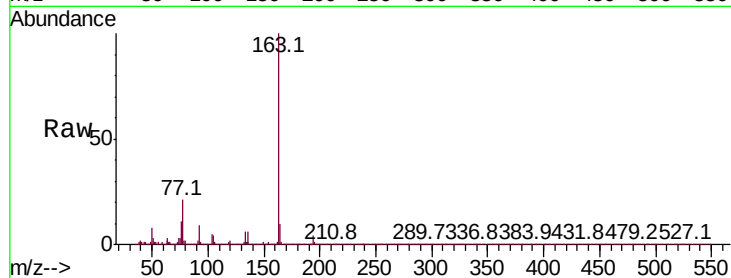
#50
Dimethylphthalate
Concen: 5.507 ng
RT: 13.72 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BP002341.D
Acq: 01 Jun 2020 16:18

Instrument :
BNA_P
ClientSampleId :
NM81-COMP-2020-0-6

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.2	3.2	4.8	
164	10.0	8.1	12.1	

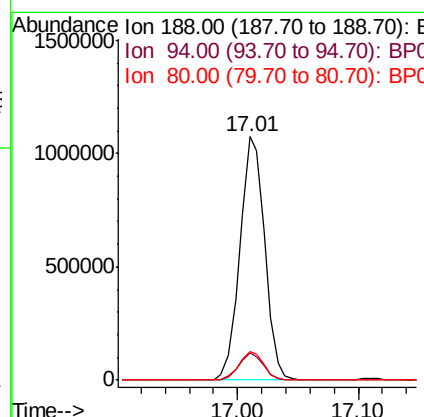
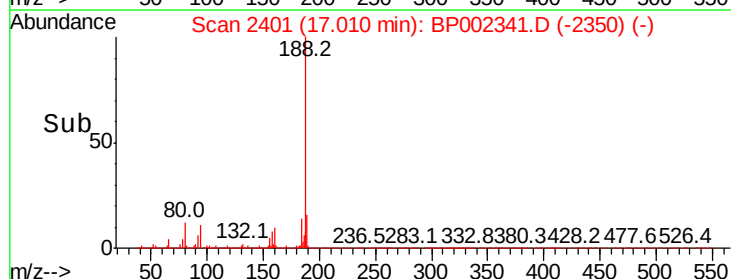
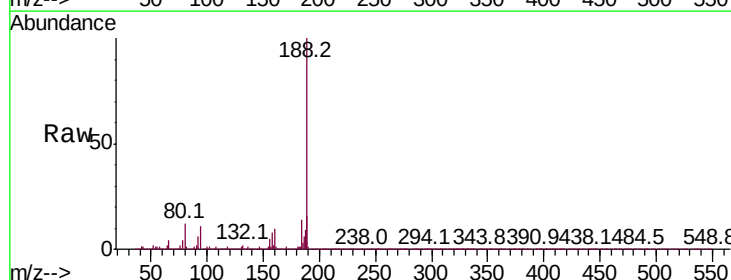
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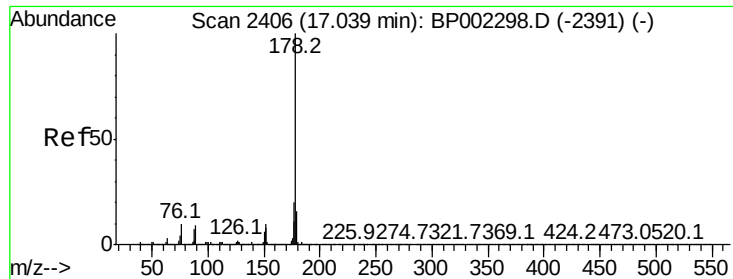
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.01 min Scan# 2401
Delta R.T. -0.00 min
Lab File: BP002341.D
Acq: 01 Jun 2020 16:18

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	11.1	8.7	13.1	
80	11.7	9.3	13.9	





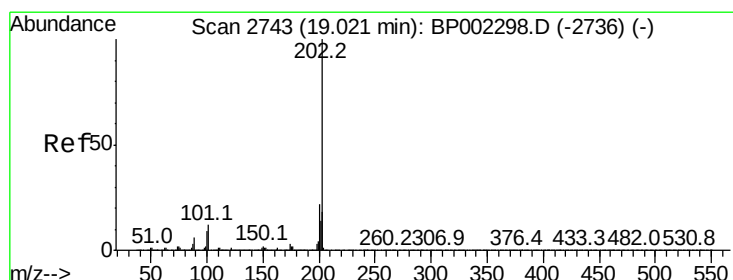
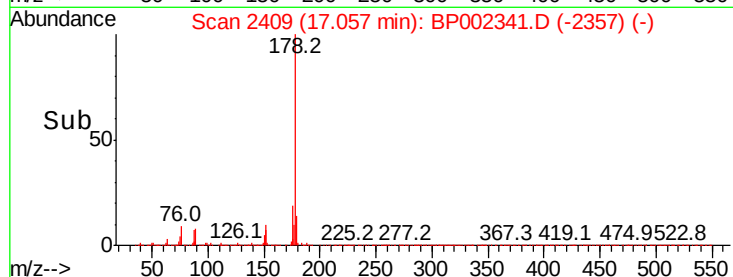
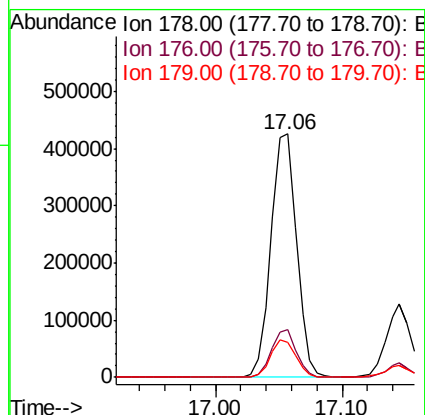
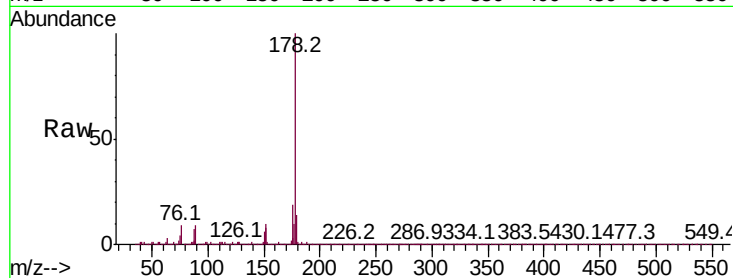
#71
Phenanthrene
Concen: 8.207 ng
RT: 17.06 min Scan# 2409
Delta R.T. 0.01 min
Lab File: BP002341.D
Acq: 01 Jun 2020 16:18

Instrument :
BNA_P
ClientSampleId :
NM81-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.8
179	14.5	12.6	18.8

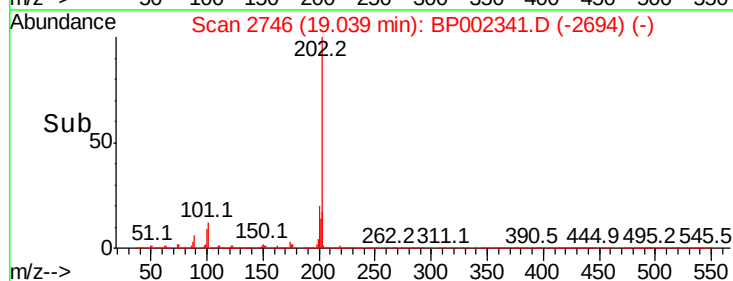
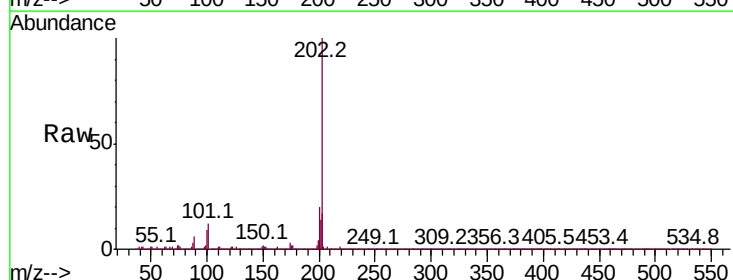
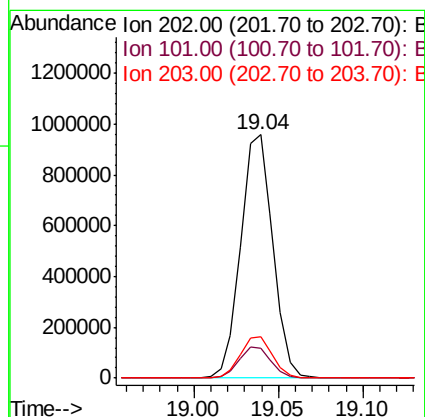
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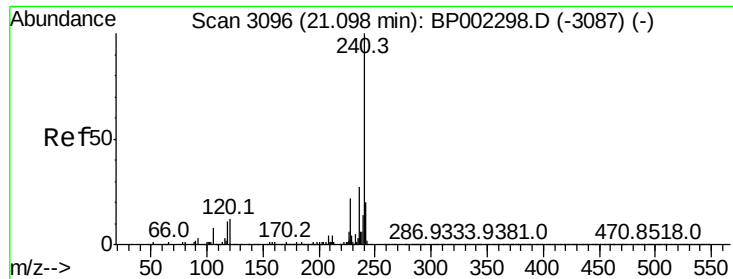
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#75
Fluoranthene
Concen: 15.070 ng
RT: 19.04 min Scan# 2746
Delta R.T. 0.01 min
Lab File: BP002341.D
Acq: 01 Jun 2020 16:18

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	32.1
203	16.8	0.0	37.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.12 min Scan# 3099

Delta R.T. 0.01 min

Lab File: BP002341.D

Acq: 01 Jun 2020 16:18

Instrument :

BNA_P

ClientSampleId :

NM81-COMP-2020-0-6

Tot Ion:240 Resp: 1332239

Ion Ratio Lower Upper

240 100

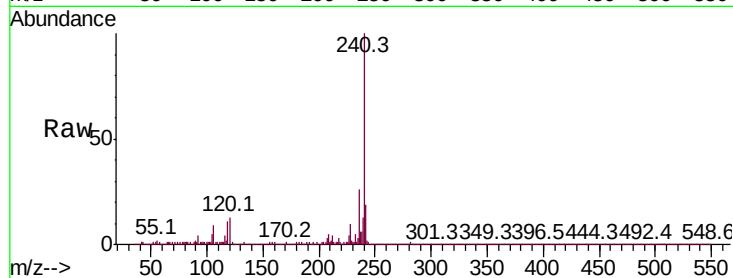
120 12.5 8.7 13.1

236 26.0 21.0 31.4

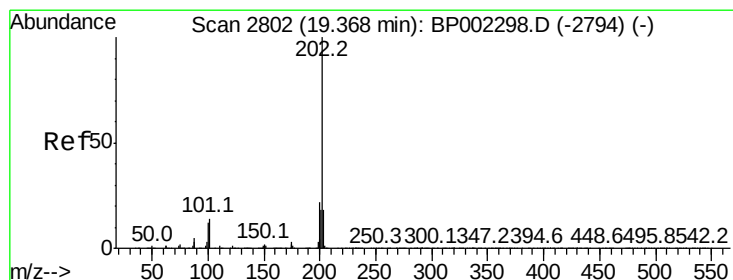
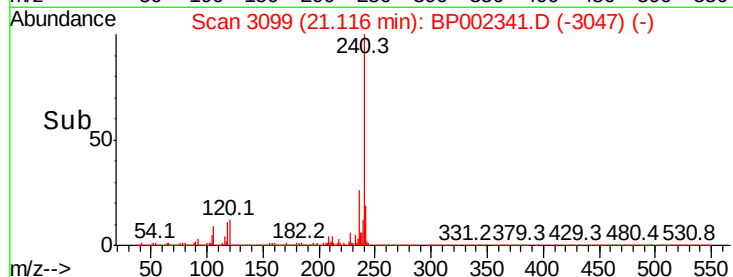
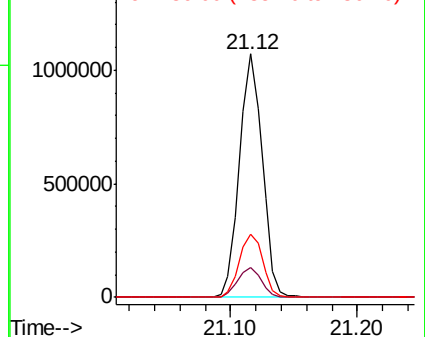
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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#78

Pyrene

Concen: 13.957 ng

RT: 19.39 min Scan# 2805

Delta R.T. -0.00 min

Lab File: BP002341.D

Acq: 01 Jun 2020 16:18

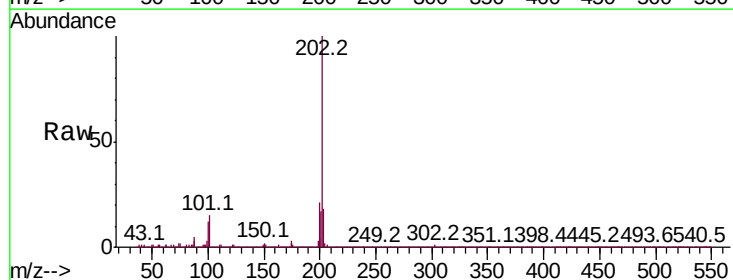
Tgt Ion:202 Resp: 1157880

Ion Ratio Lower Upper

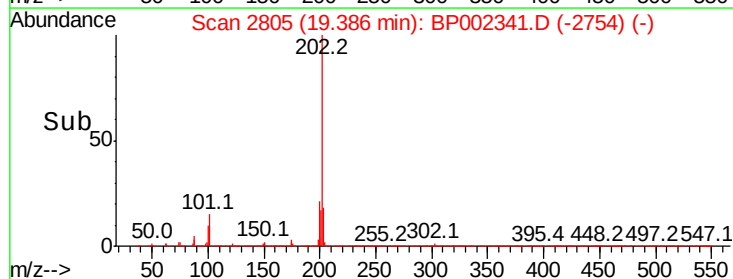
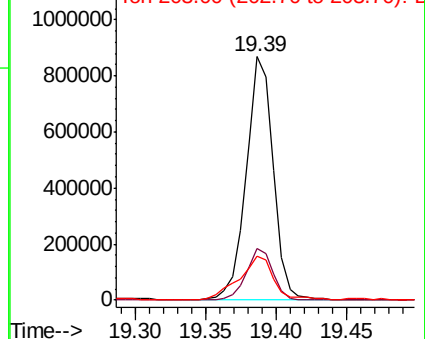
202 100

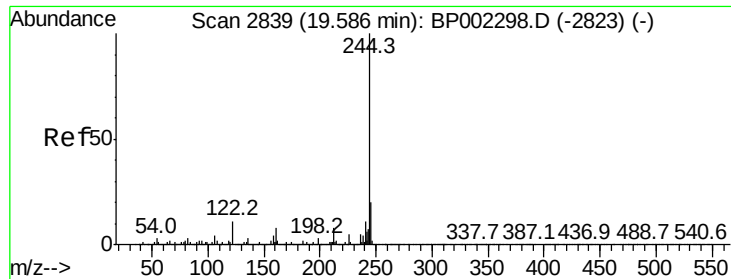
200 21.3 17.3 25.9

203 17.9 13.8 20.6



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





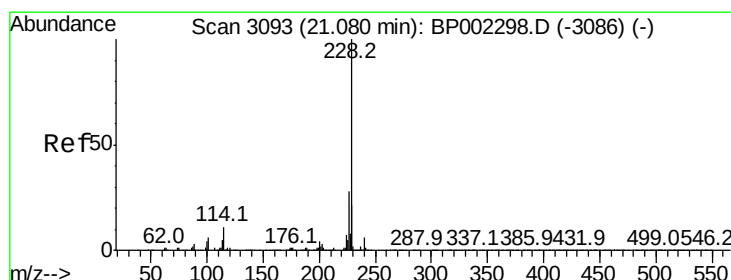
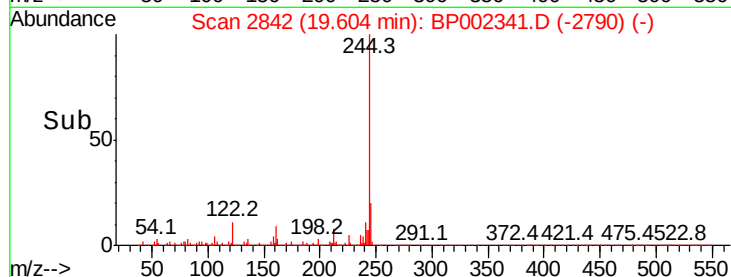
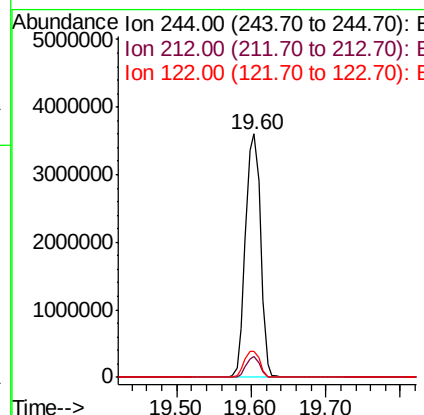
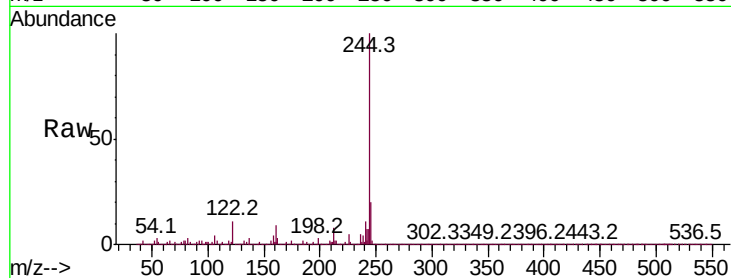
#79
 Terphenyl-d14
 Concen: 91.507 ng
 RT: 19.60 min Scan# 2842
 Delta R.T. 0.01 min
 Lab File: BP002341.D
 Acq: 01 Jun 2020 16:18

Instrument :
 BNA_P
 ClientSampleId :
 NM81-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.4	9.6
122	10.7	9.4	14.0

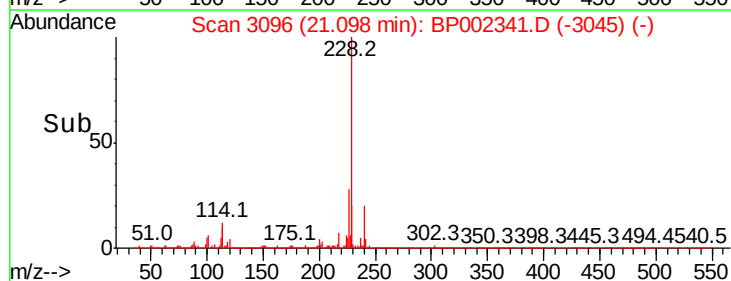
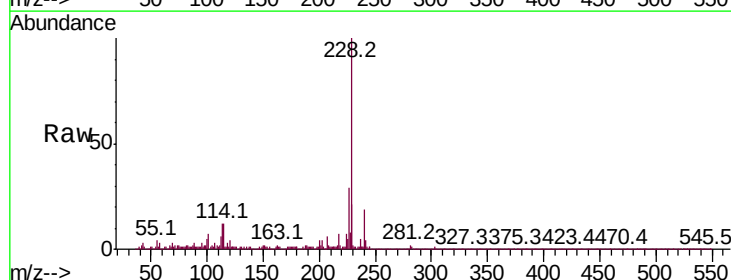
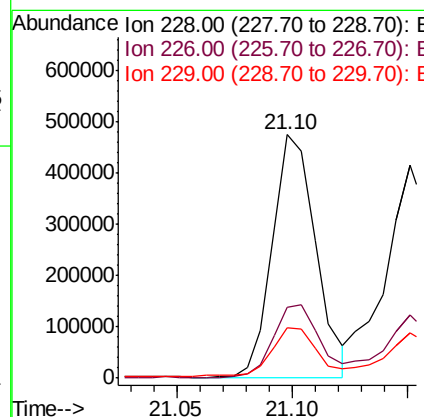
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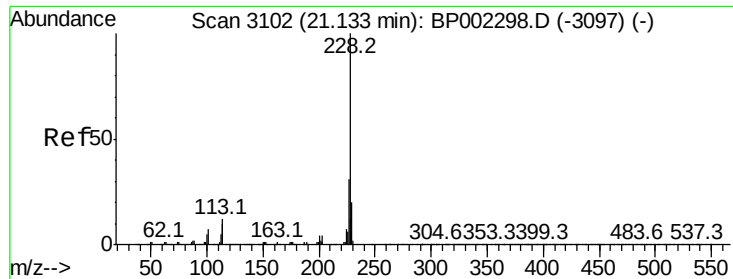
mohammad
 6/2/2020 3:23:43 PM



#81
 Benzo(a)anthracene
 Concen: 8.100 ng
 RT: 21.10 min Scan# 3096
 Delta R.T. -0.00 min
 Lab File: BP002341.D
 Acq: 01 Jun 2020 16:18

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.3	22.7	34.1
229	20.7	16.3	24.5





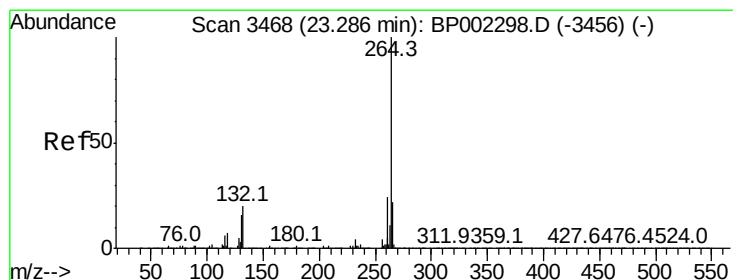
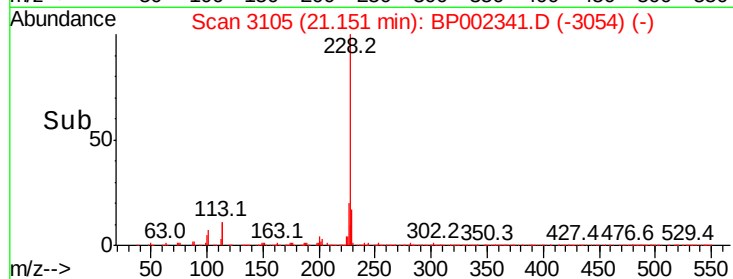
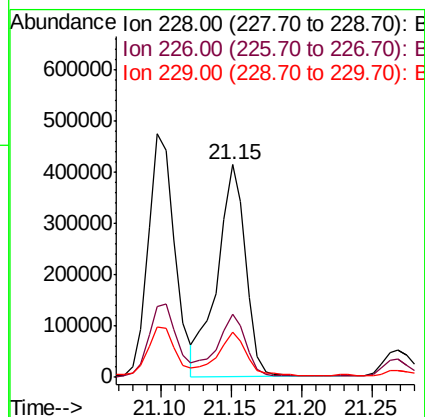
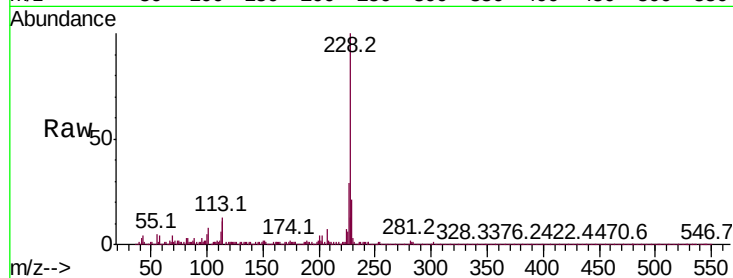
#83
Chrysene
Concen: 7.894 ng
RT: 21.15 min Scan# 3105
Delta R.T. -0.00 min
Lab File: BP002341.D
Acq: 01 Jun 2020 16:18

Instrument :
BNA_P
ClientSampleId :
NM81-COMP-2020-0-6

Tot Ion:	228	Resp:	577733
Ion Ratio	Lower	Upper	
228	100		
226	29.5	25.0	37.6
229	21.3	16.2	24.4

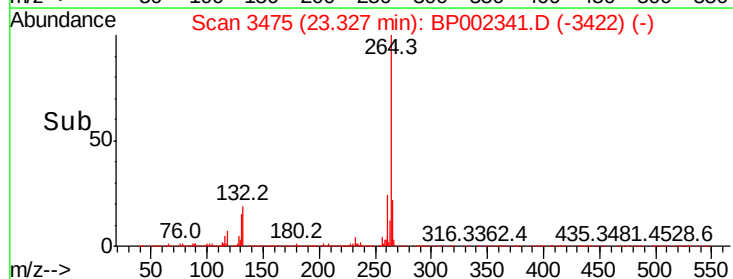
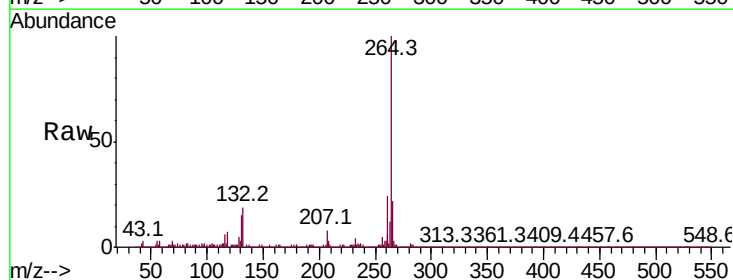
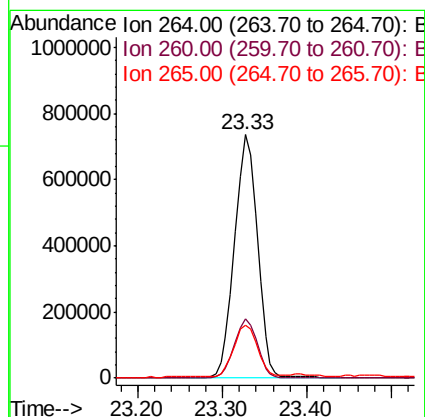
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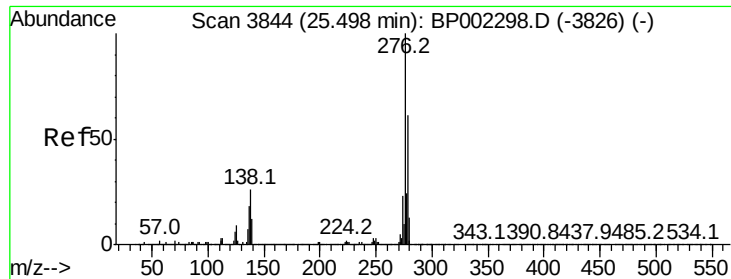
mohammad
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#86
Perylene-d12
Concen: 20.000 ng
RT: 23.33 min Scan# 3475
Delta R.T. 0.01 min
Lab File: BP002341.D
Acq: 01 Jun 2020 16:18

Tgt Ion:	264	Resp:	1374163
Ion Ratio	Lower	Upper	
264	100		
260	24.5	19.4	29.2
265	21.9	17.8	26.6





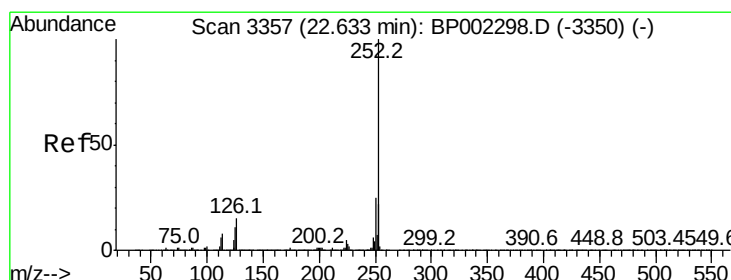
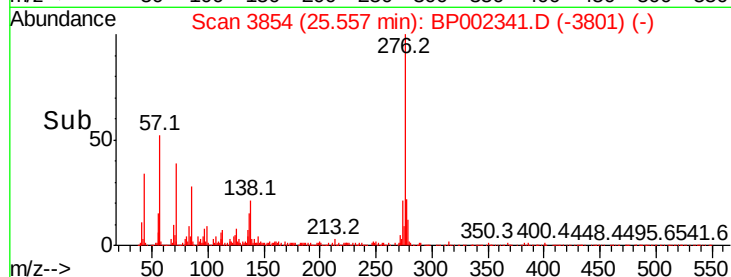
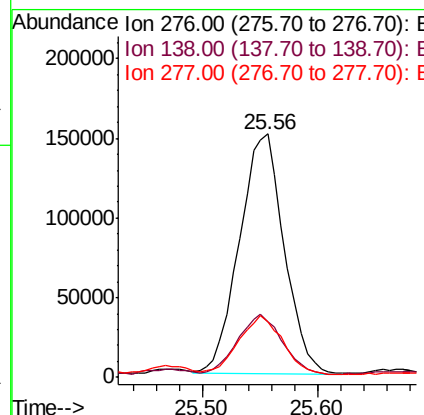
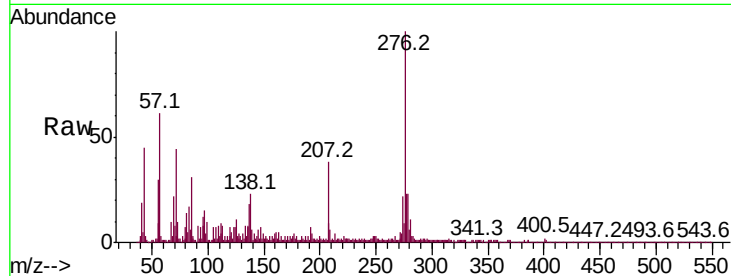
#87
Indeno(1,2,3-cd)pyrene
Concen: 4.764 ng
RT: 25.56 min Scan# 3854
Delta R.T. 0.01 min
Lab File: BP002341.D
Acq: 01 Jun 2020 16:18

Instrument :
BNA_P
ClientSampleId :
NM81-COMP-2020-0-6

Tot Ion:	276	Resp:	405219
Ion Ratio	Lower	Upper	
276	100		
138	25.2	18.2	27.4
277	24.5	20.2	30.2

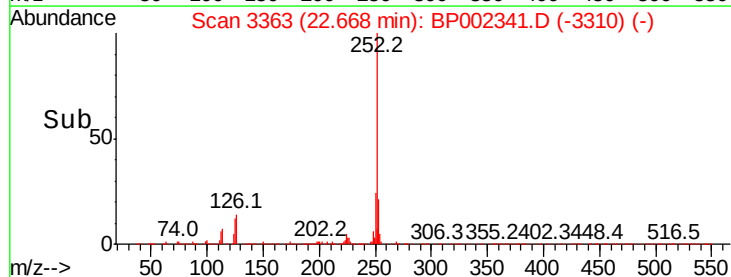
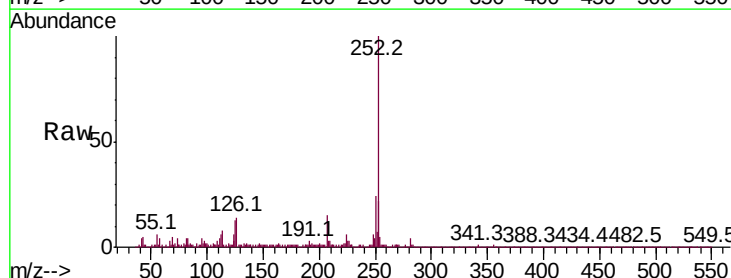
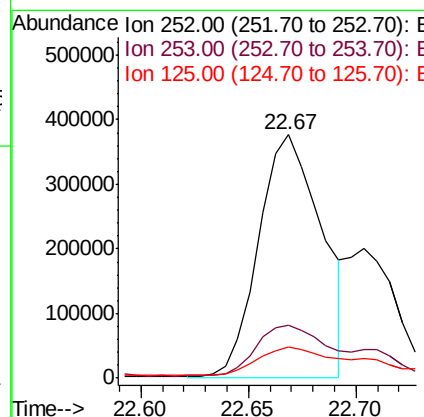
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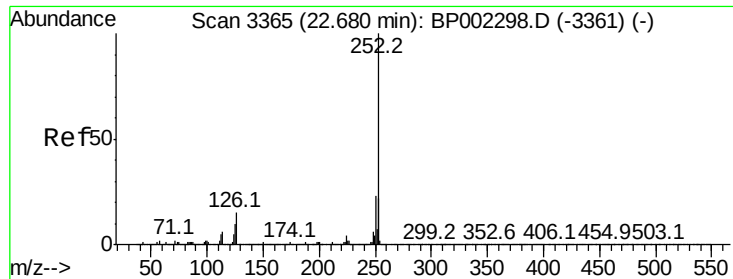
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#88
Benzo(b)fluoranthene
Concen: 10.342 ng m
RT: 22.67 min Scan# 3363
Delta R.T. 0.01 min
Lab File: BP002341.D
Acq: 01 Jun 2020 16:18

Tgt Ion:	252	Resp:	774823
Ion Ratio	Lower	Upper	
252	100		
253	21.8	18.2	27.2
125	12.8	7.2	10.8#





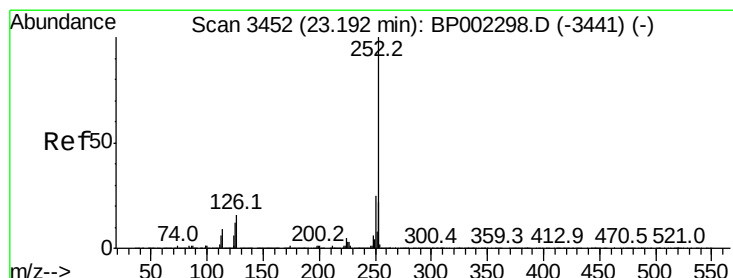
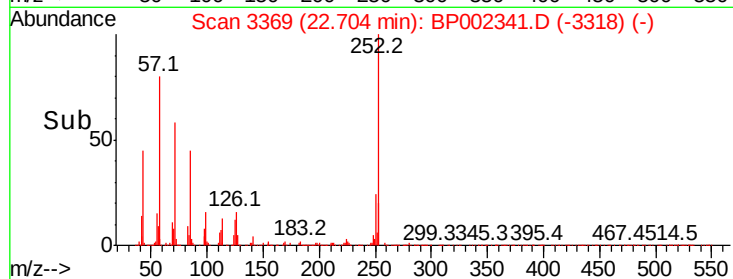
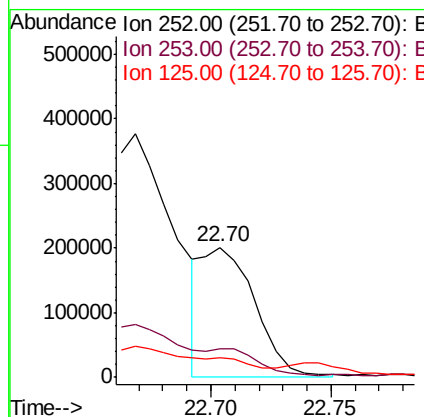
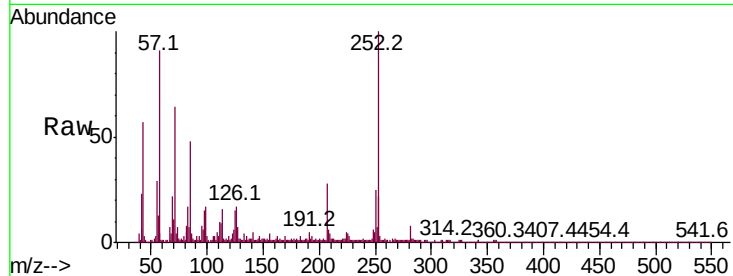
#89
Benzo(k)fluoranthene
Concen: 4.293 ng m
RT: 22.70 min Scan# 3369
Delta R.T. -0.00 min
Lab File: BP002341.D
Acq: 01 Jun 2020 16:18

Instrument :
BNA_P
ClientSampleId :
NM81-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.9	26.9
125	14.8	7.4	11.2

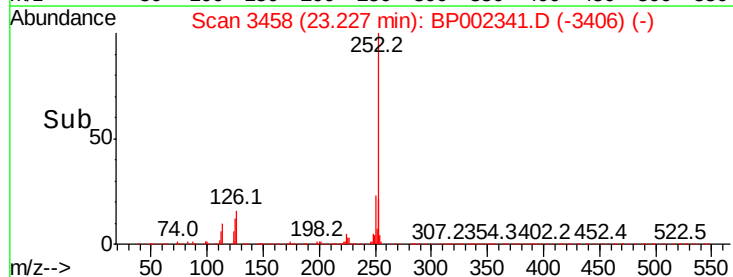
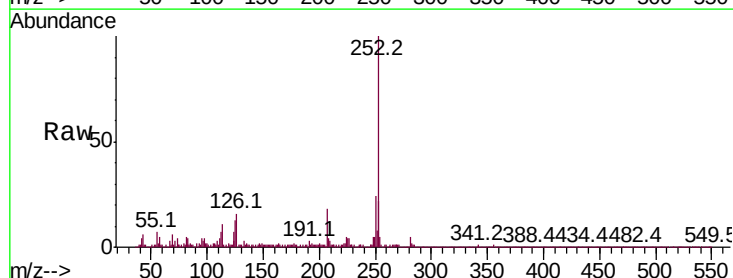
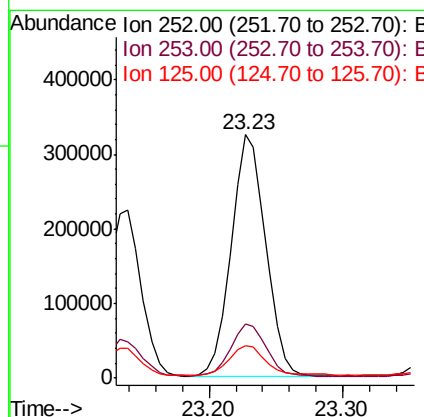
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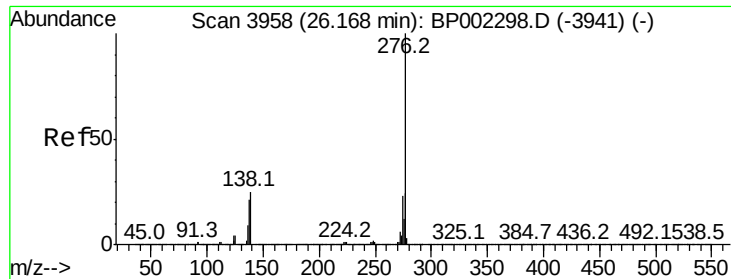
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#90
Benzo(a)pyrene
Concen: 8.410 ng
RT: 23.23 min Scan# 3458
Delta R.T. 0.01 min
Lab File: BP002341.D
Acq: 01 Jun 2020 16:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.0	27.0
125	13.4	8.4	12.6





#92
 Benzo(a,h,i)perylene
 Concen: 5.805 ng
 RT: 26.23 min Scan# 3969
 Delta R.T. 0.02 min
 Lab File: BP002341.D
 Acq: 01 Jun 2020 16:18

Instrument :
 BNA_P
 ClientSampleId :
 NM81-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.6	28.0
138	24.5	16.0	24.0

Manual Integrations
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